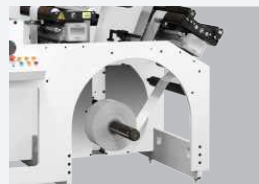# RHYGUAN

SMART-420-HRI | 100% AUTOMATIC INSPECTION MACHINE

Advanced offline inspection solution with inline sheeter. The SMART-420 optical camera recognises and records all defects, the PrintFlow Manager system works with the rewinder to remove the defects, and the Automatic Identification System (AIS) supports the defect inspection on-demand, and handles the final report editing.

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SMART-420	OPTION WIDTH 420MM/520MM
Max Web Width	420mm
Max Unwinding Dia	800mm
Max Rewinding Dia	450mm
Max Inspection Web	420mm
Max Machine Speed	300m/min
Slitting precision	±0.15mm
Min slitting width	16mm
Power	3 PH+N+PE
Air supply	0.4~0.6MPa
Overall Diameter （L×W×H）	2240x1250x2160mm
Weight	1600KGS

INSPECTOR
AVT Helios automatic inspection system. Supports new generation cameras and lights with up to 300 m/min inspection speeds.

VISUAL TABLE
Moveable visual splicing table with a two-sided clamp pressure bar.

UNWINDER & WEB GUIDING
Independent, servo-driven unwinder with closed-loop tension control. Electronic web guide with ultrasonic edge guide sensor. 76 mm air expanding mandrel. Max diameter 800 mm roll capacity.

Advanced automatic inspection machine with inline sheeter

SLITTER
Optional shear slitter or razor blade slitter. Easy to install. Features a standard high pressure waste suction system.

DUAL REWINDER
Dual rewinder with closed-loop tension control system ensures continuous stable tension and quick roll change overs. 450mm maximum rewinder diameter.

Recognises, records, and removes all defects

DEFECTS REWINDER
Advanced defects rewinder working in unison with the PrintFlow Manager and the Automatic Identification System (AIS).